

MINNESOTA AG NEWS

WEEKLY CROP-WEATHER



USDA, NASS, MINNESOTA
FIELD OFFICE

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USDA, NASS, MINNESOTA FIELD OFFICE, IN COOPERATION WITH THE NATIONAL WEATHER SERVICE - CHANHASSEN MN,
UNIV. OF MINN. EXTENSION SERVICE, DNR STATE CLIMATOLOGY OFFICE, USDA-FSA, AND USDA-NRCS

CROP DEVELOPMENT REMAINED AHEAD OF AVERAGE

Crop development continued to advance ahead of average, while topsoil soil moisture supplies were rated mostly short or very short across much of the state, according to USDA, NASS, Minnesota Field Office. The small grain harvest progressed rapidly aided by slightly above average temperatures and dry weather. Approximately half of corn and soybean acres were rated in good or excellent condition. However, crops in the north and central area continued to be stressed due to lack of moisture. Producers continued to scout and spray for soybean aphids

The average temperature for the week was 70.4°, 1.1° above normal. Statewide topsoil moisture supplies as of Friday were rated 34% very short, 29% short, 37% adequate, and 0% surplus.

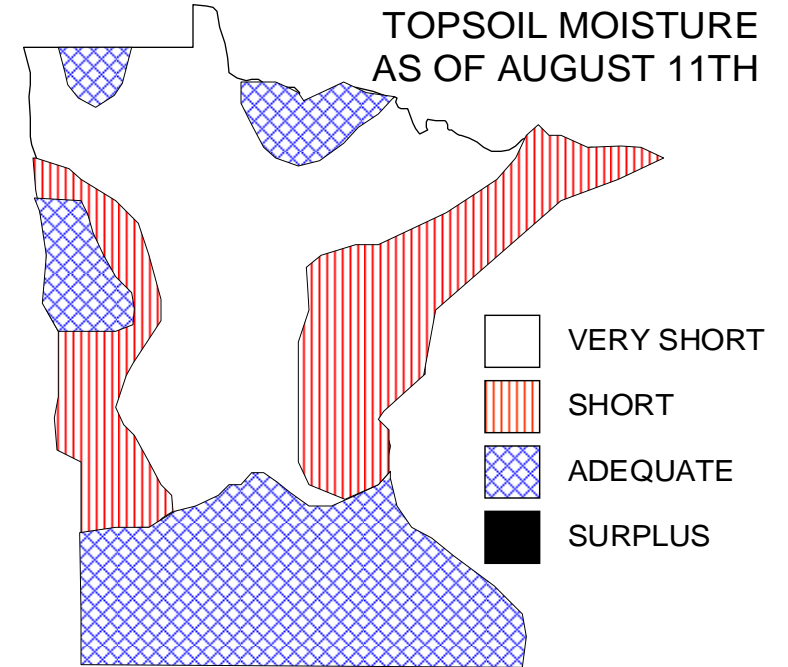
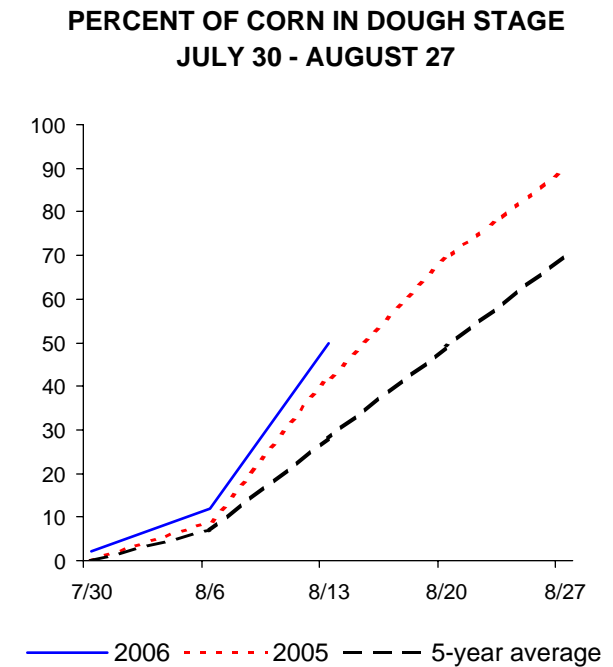
As of Sunday August 13th, an estimated 92% of the corn was in the milk stage, compared to 75% for the five-year average. Corn in the dough stage was 50%, an increase of 38 percentage points from the previous week. Corn crop condition was rated 51% good or excellent, a decrease of 5 percentage points from the previous week. Soybeans setting pods was estimated at 97% compared to 80% average. Soybean crop condition was rated 54% good or excellent, a decrease of 6 percentage points from the previous week.

Spring Wheat was 73% harvested; 40 percentage points ahead of the five-year average. The sweet corn harvest was 32% complete, 6 percentage points ahead of average. Potatoes were 19% harvested; 15 percentage points ahead of the five-year average.

Days Suitable for Fieldwork: 6.4				
	Very Short	Short	Adequate	Surplus
Topsoil Moisture (%)	34	29	37	0

Crop Progress as of August 13, 2006					
Crop	Stage of Development	This Week	Last Week	Last Year	5 Yr Avg
----- Percent -----					
Corn	Milk	92	67	88	75
	Dough	50	12	38	25
	Dent	5	NA	4	3
Soybeans	Setting Pods	97	86	95	80
	Turning Yellow	2	NA	1	0
Oats	Harvested	94	78	78	66
Barley	Harvested	89	68	70	48
Spring Wheat	Harvested	73	47	39	33
Potatoes	Harvested	19	11	4	4
Canola	Harvested	36	12	27	11
Sweet Corn	Harvested	32	22	30	26

Crop Condition as of August 11, 2006 in %					
	Very Poor	Poor	Fair	Good	Exc
Pasture	34	26	25	14	1
Corn	9	12	28	40	11
Soybeans	7	12	27	41	13
Alfalfa	19	26	31	22	2
Spring Wheat	4	9	27	51	9
Sugarbeets	2	9	32	46	11
Dry Beans	9	15	46	23	7
Potatoes	2	7	28	57	6
Sunflowers	2	8	38	49	3
Canola	2	15	38	35	10



PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING AUGUST 13, 2006:

Temperatures averaged from 0.6 degree below normal in the Northeast District to 1.7 degrees above normal in the West Central and Central Districts. Extremes: 42 degrees in Hibbing; 89 degrees in Itasca. Precipitation averaged from 0.79 inch below normal in the South Central District to 0.70 inch above normal in the West Central District. Greatest weekly total was 2.75 inches recorded in Browns Valley.

For a map of Minnesota's precipitation, please see the Minnesota Climatology Group's website; <http://climate.umn.edu/doc/weekmap.asp>.

Precipitation and Temperature Summary for 8/7/2006 through 8/13/2006

	Temperature				Precipitation				G D D	
	High	Low	Week Ave	Depart from Norm	Week Total	Depart Past Week	From Four Weeks	Norm Since 4/1	Since May 2	Depart from Norm
<u>NW DIST 1</u>										
Crookston	88	49	71.8	2.2	2.41	1.73	.60	-3.50	1794	159
Moorhead	87	51	72.2	1.5	.18	-.40	.51	-4.55	1917	207
Warroad	86	50	67.8	.5	1.26	.58	-.12	-3.29	1602	173
<u>NC DIST 2</u>										
Grand Rapids	85	53	67.4	.8	1.24	.37	-.94	-4.81	1719	279
Intl. Falls	83	46	65.0	-.5	.44	-.26	-.59	-2.99	1474	122
Itasca	89	49	69.6	3.6	.18	-.68	-2.05	-5.09	1612	269
<u>NE DIST 3</u>										
Duluth	79	54	65.2	.1	.20	-.73	-.87	-1.49	1521	277
Grand Marais	78	53	64.3	.8	.52	-.17	-.71	-2.82	1147	267
Hibbing	83	42	62.4	-2.8	1.05	.24	-1.10	-7.02	1447	139
<u>WC DIST 4</u>										
Alexandria	86	57	72.2	2.8	.90	.09	-1.23	-5.90	1886	248
Browns Valley	88	51	74.0	2.4	2.75	2.08	.94	.15	1858	51
Canby	87	57	74.0	1.5	2.54	1.90	1.75	-.12	1991	102
Fergus Falls	87	53	72.4	2.5	1.67	.93	.23	.95	1843	187
Montevideo	84	55	71.5	.4	0	-.74	-1.10	.15	1904	103
Morris	84	51	71.2	.7	.74	-.06	-2.00	-5.19	1842	85
<u>CENT DIST 5</u>										
Becker	86	57	72.5	3.7	.82	-.17	-1.04	-5.05	1999	372
Collegeville	86	56	72.5	1.0	.98	.12	-.90	-3.37	2068	234
Hutchinson	84	56	71.0	.3	.36	-.59	-.24	-2.95	2011	181
Olivia	84	55	71.5	1.5	1.40	.62	.38	-.85	1928	143
St. Cloud	84	52	70.4	1.6	.89	-.01	-.53	-3.37	1882	255
Staples	82	49	69.1	2.1	1.33	.60	.21	-3.90	1708	241
Willmar	86	56	72.2	2.0	1.12	.25	-1.71	-5.31	1981	206
<u>EC DIST 6</u>										
Aitkin	84	52	68.4	2.3	.05	-.88	-2.29	-5.75	1693	304
Forest Lake	86	56	71.9	2.0	.02	-1.05	.69	-.72	1984	251
MSP Airport	85	62	73.5	1.4	.73	-.22	2.16	.78	2202	313
St. Paul - UofM	83	59	73.2	.8	.67	-.35	3.65	3.14	2156	217
<u>SW DIST 7</u>										
Lamberton	85	56	72.7	2.0	.02	-.77	.01	4.89	1939	85
Pipestone	86	55	72.5	1.7	1.03	.33	2.33	-1.00	1871	99
Redwood Falls	83	58	71.8	-.6	.38	-.47	2.15	2.01	1994	41
Worthington	84	56	71.6	2.0	.05	-.76	.78	1.71	1955	220
<u>SC DIST 8</u>										
Faribault	83	56	71.6	1.4	0	-1.03	-.36	-5.27	1946	185
Mankato	84	57	72.1	.9	0	-1.03	.46	-1.11	1955	118
Waseca	84	58	72.0	1.8	0	-1.09	1.88	1.86	1986	190
Winnebago	84	56	71.3	.4	1.01	.01	3.34	1.90	2009	171
<u>SE DIST 9</u>										
Preston	85	54	70.2	.7	.04	-1.05	-.49	-.01	1803	117
Red Wing	83	58	71.8	.5	0	-.90	1.20	-4.12	1984	164
Rochester	83	57	70.2	1.1	.59	-.43	.09	-1.30	1922	252
Rosemount	83	58	71.8	1.8	0	-1.07	.70	-2.11	1951	212
Winona	86	60	72.2	-1.1	.30	-.64	-.27	-4.83	1998	-16

m=some data missing

Corn growing degree days (GDD) are calculated by subtracting a 50 degree base temperature from the average of the maximum and minimum temperature for the day. The daily maximum is limited to 86 degrees and minimum of 50 degrees.

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